

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	.	EFFINGHAM	344	124F

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT
• 107WRS-1, 107BY, 107BY-1 & 107B-2
CONTRACT NO. 94827

SHEET NO. 11
OF 14 SHEETS

Testing Service Corporation
STRUCTURE ROCK CORING LOG

Page 1 of 1
Date 7/10/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamson

COUNTY Effingham

Boring No. B-102 Core Type NX Core Barrel
Station 1031+75 Core Diameter 2.34 in
Offset 70.00ft Lt Core Length 5 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
553.10	Gray SANDSTONE with interbedded SHALE	1	97	49	3	286
548.10	End of Boring at 40.0'					229
-45.0						
-50.0						
-55.0						

Color pictures of the cores _____
Cores will be stored for examination until _____

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

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Date 7/11/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamson

COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, RNG. R6E

Boring No. B-103
Station 1030+22
Offset 78.00ft Lt
Surface Elev. 584.68 ft

DEPT H	BLOWS	QU	W	Surface Water Elev. when drilling at Completion after Hrs.	DEPT H	BLOWS	QU	W
	2	P	11			4	P	29
	4	4.5+				4	4.5+	
	5					6		
				586.68				
	8	P	8			3	B	35
	13	4.5+				4	3.6	
	14					7		
	13	P	7			4	P	12
	26	4.5+				6	4.5+	
	25					9		
	7	B	9			3	P	12
	13	8.0				8	4.5+	
	21					11		
				549.88				
	7	P	8			16	P	8
	20	4.5+				26	4.5+	
	42					50		
	4	B	13			14	P	10
	9	5.8				39	4.5+	
	15					50/4"		
	5					17		7
	7					32		
	10					48		
	6	B	14			29		6
	13	7.2				50/5"		
	18							
	5	B	18			14	P	7
	6	5.5				41	4.5+	
	14					49		
	4	B	18			4		8
	8	5.2				47		
	13					50/5"		
				559.88				

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

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Date 7/11/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois

SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamson

COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, RNG. R6E

Boring No. B-104
Station 1029+50
Offset 70.00ft Lt
Surface Elev. 591.09 ft

DEPT H	BLOWS	QU	W	Surface Water Elev. when drilling at Completion after Hrs.	DEPT H	BLOWS	QU	W
	4	P	13			6	P	11
	5	4.5+				10	4.5+	
	9					19		
	11	P	13			5	B	10
	13	4.5+				9	6.1	
	17					23		
	6	P	11			9	B	15
	9	4.5+				14	4.2	
	13					29		
				583.09				
	6	P	10			13	P	16
	12	4.5+				21	4.5+	
	18					28		
	16	P	8			5	P	37
	26	4.5+				5	3.25	
	50					9		
	14	P	10			4	B	30
	39	4.5+				6	3.2	
	50/4"					10		
	17		7			10		18
	32					16		
	48					30		
	29		6			9		16
	50/5"					12		
						33		
	14	P	7			25		17
	41	4.5+				36		
	49					42		
	4		8			40		18
	47					60/2"		
	50/5"							
				566.09				

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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SOIL BORINGS LOGS
ILLINOIS ROUTE 32/33
F.A.P. ROUTE 774
SECTION 107 WRS-1, 107BY,
107BY-1 & 107B-2
EFFINGHAM COUNTY
RETAINING WALL
STA. 1026+03.00 LT. TO STA. 1033+86.00 LT.
STRUCTURE NUMBER 025-W008